



# Cotton System Consumption and Stocks

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## Highlights

**August 2021** contained 31 days.

**September 2021** contained 30 days.

**Extra long staple cotton** consumed on the cotton system was 563,000 pounds in September 2021, down 17 percent from August 2021 but up 9 percent from September 2020. September 2021 stocks on hand on the last Saturday of the month totaled 2.02 million pounds, up 51 percent from August 2021 and up 197 percent from September 2020.

**Total Manmade fiber** consumed on the cotton system was 33.6 million pounds during September 2021, up 5 percent from August 2021 and up 14 percent from September 2020. Of the total manmade fiber consumed, 92 percent was polyester staple.

**Total number of spindles** on the cotton system was 1.07 million during September 2021. Active spindles consuming 100 percent cotton was 609,000 in September 2021, up 1 percent from August 2021 and up 3 percent from September 2020.

## Consumption and Stocks – United States: September 2021 with Comparisons

Item	September 2020	August 2021	September 2021
<b>Extra long staple</b>			
Consumed			
Running bales .....number	1,046	1,362	1,136
Weight .....1,000 pounds	517	679	563
Stocks on hand (last Saturday of the month)			
Running bales .....number	1,358	2,694	4,063
Weight .....1,000 pounds	678	1,338	2,017
<b>Rayon and acetate staple</b>			
Consumed .....1,000 pounds	712	920	796
Stocks on hand (last Saturday of the month) .....1,000 pounds	1,087	1,878	2,339
<b>Polyester staple</b>			
Consumed .....1,000 pounds	27,875	29,420	30,980
Stocks on hand (last Saturday of the month) .....1,000 pounds	22,932	27,182	25,211
<b>Other manmade fiber staple</b>			
Consumed .....1,000 pounds	852	1,607	1,843
Stocks on hand (last Saturday of the month) .....1,000 pounds	1,951	2,799	2,203

## Spindles in Place, Active Spindles and Spindle Hours Operated – United States: September 2021 with Comparisons

Item	September 2020	August 2021	September 2021
<b>Cotton-system spindles in place</b>			
Ring spindles .....1,000	826	773	773
Airjet spindles .....1,000	26	24	24
Open-end spindles .....1,000	279	271	271
<b>Cotton-system spindles active</b>			
Spindles consuming 100% cotton .....1,000	589	602	609
million hours	415	430	457
Spindles consuming 100% manmade fiber .....1,000	27	29	34
million hours	12	14	18
Spindles consuming mixtures or blends .....1,000	395	372	360
million hours	239	242	232

## Statistical Methodology

**Survey Procedures:** *Cotton System Consumption and Stocks* is part of the Current Agricultural Industrial Reports (CAIR) program. CAIR reports are administered under NASS's Census of Agriculture program. Response to CAIR surveys are required by law (Title 7, U.S. Code). Data are collected from all known mills that consume cotton.

The census universe was determined during operation profile interviews which were completed for each potential facility to identify the presence of cotton consumption and spindle activity in 2014.

In the Cotton and Manmade Fiber Staple survey questionnaires, mills are asked for previous calendar month data on cotton and manmade fiber consumed, stocks and spindle activity. Mills are mailed questionnaires with the options of completing the survey by mail or by Electronic Data Reporting (EDR). For surveys not received in a reasonable amount of time, telephone follow-up is conducted.

**Estimating Procedures:** Imputation is done for operations with non-response by using historical data and current data relationships. Data for reporting firms are added to estimates for non-reporting firms to obtain National totals.

**Revision Policy:** Data are revised the following month based on late reports or corrected data. Final figures are published in the annual summary of the following year.

**Reliability:** Approximately 50 reports are received each month which represent about 95 percent of total spindles. Monthly data can vary due to different firms reporting month to month. Survey data are also subject to non-sampling errors such as omissions and mistakes in reporting and in processing the data. While these errors cannot be measured directly, they are minimized by carefully reviewing all reported data for consistency and reasonableness.

## Information Contacts

Listed below are the commodity statisticians in the Crops Branch of the National Agricultural Statistics Service to contact for additional information. E-mail inquiries may be sent to [nass@usda.gov](mailto:nass@usda.gov)

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For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: [nass@usda.gov](mailto:nass@usda.gov).

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